Los Angeles Olympics: a lot still to be achieved

Everything should be donn to ensure that the 1984 Los Angeles Games ore held in the spirit of the Olympic ideals of friendship and lair sporting compelition, used the General Assembly of National Olympic Committees (GANOC), which has entired the work in Log Angeles and which adopted a final document descubed as a declaration. According to delegates, the Organizing Committee for the Games still has to do n let it the Los Angeles Olympice are to be a real lestival of young prople en our planet.

The desire in cooperate and holster Irlendly links—arch was the leitmoili of talks held here ladween heads of the Olympic movement. More specifically, there were niso toke between Soviet representatives and heads of many international federa-Olympic committees of Austria. Alghaniston, Belgium, Bulgaria, Zimiobwo, Italy, Kuweit, Nopal, Peru. Polami, Mesico and Swe-

At their press conterence the organizous of the 1984. Whiter Cames of Sarojovo gave exhausilyo information to news-

The dancing duo of Marine Kil-move end Sergel Pocomarenko will be making their debut with

Twice Otympic champion, Depuly Head of the Department of Winter Sports of the USSR Sports Committee Alexander Zaitsav has revealed in on MNI

correspondent the names of the

ATTENTION.

ABROAD

DEAR READERS,

SUBCRIBERS

Photo by Andrei Knyazev

the calinnal leam.



Moscow Region Spariak clashed with Belgrado Partizan to the Roochell Cup queclorfinels. Photo by Sergel Prosukov

Basketball

In Moscow's Central Army Club Gym Spariak (Moscow Region) secred their third win he the women's Ronchett Cup quarterlinals tournamont, beating

ikateta who havo been chosen

for the nettonal leam which on

Jonusty 26 Illes out to Dottmund,

West Germony, for the European figure-skating champlouship duo on January 31-February 5.

The composition of the USSR

Icam was based on the perfor-

mance results achieved by the

figure skaters, primorily at the "Moscow News" Prizo interna-

tional tournament and at oatlonal championship with account being taken of their autuornal

statis in various competitions abroad, said Alaxander Zalisev.

Marina Pestove and Stanislav

Leonovich, alivor medallists of the 1962 world and European

champlaniships and winners of the 'Moscow Newa' Prize Va-

ronika Pershina and Maral Ak-

harov will be competing in the pairs. Twice world junior cham-

plons Marina Aveiriiskaya ond Yari Kvashnin will lest themsol-

ves egainst this representative

In the dances will be the un-

contested leeders of the team,

lournament of adults.

Helgrade Patilzan, 84-66. win in two games. Dynamo's Birynkov was the lop scorer with 27 points in this buily con-

an interesting duot - Olga Vo-lozhinskaya and Alexander Svi-

nin, who took second place at

major lournements of the season. The debuteots of the team-Me-

riya Klimova and Setgel Ponoma-

tenko — won the Alpes Cup and took third place in the struggle for the "Moscow News"

in the men's aingles we place

cur hopes primorily on national champion and "Moscow News" Pilze holder Alexander Fadeyev.

There are jumps in his pro-

gramme which only one or two skalera are capable of. Vladimir

Kotin is also a bopeful skater.

in the women's singles the

team is ted by European bronze medallist national champion Yeleno Vodorezova. Young skalers Anna Kondrashova and

Aons Antonove moy well chal-tenge the leaders.

Misso-Tosho Lid.,
 1-3-16 Suldo, Bunkyo-ku,

Far Eatlern Booksallari,

Tokyo 100-91

Kende P.O.B. No. Y2,

This season the national team Is the youngest in the whole his-tory of the European champion-ships, Alexander Zallsev noted.

by the men's Korac Cup, Mea-cow Dynomo outplayed Monaca at home, 86-85, their second

THE YOUNGEST SOVIET TEAM EVER TO FIGHT FOR MEDALS the world and Europo last year. Coacle Yelona Chalkovskaya has



by Barcelooa player Mercos io the second half time of the first leg of the 1983 Europeen Super Cup.

Photo AP-TASS

Natalya Bestemyanovo and An-drel Bukin, the second dust of

> Subscription ceo be takno out with the lot- IORDAN

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MN INFORMATION No. 7, 1983

CANADIANS PREPARE FOR SPARTAKIAD

Talka heve been held in Montreal on the development of coo-peration between the sports or-ganizations of Canada and the USSR, as a result of which there terest aroused by the recent per-termance in Canada of the So-viel national technickey team. will be more contede in various kinds of sport, exchange of in-formation, meetings between ex-perts, as well as consulations on vital questions relating to the

Canadian sporismeo, it was declared during the lalks, will take part this year in the final competition of the 8th summer Thurnsotent of Soviet Nellons. Soviet eportsmen-students will offend the Universited-83, which will be held in the Canadian jown of Edmonton.

100

Venezuela wins

Táchira marathon

International aporting movement. Leading figures in the Caos-dieu sporting world and the loc-

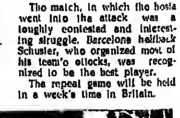
Mario Medino, ol Vanazuela, has won the aunusi many-day fáchira cycling race in the Andee, cevering 1,221 kilometres in 32 hr 14 min 48 sec. Olympic clampion Alexander Kresnov, ol the USSR, who led for the better part of the race. for the better part of the race, suffered a bad cold in the closing stages but all! finished an honourchio third in 32.19.45. Runnor-up Martin Ramirez, ol Colombia, clecked 32.17.02.

Olympic winner Vikler Mana-kov, of the USSR, was the most acitive cyclist. Venezuela took the leam tille.

The USSR heat Britalo in Moscow, 2-1, to the King's Cup etimination lournement.

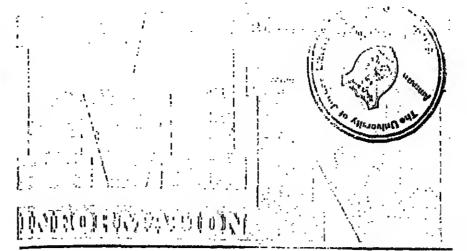
Photo by Borls Koulmon Decisive game for Super Cup ahead

Spanish flarcelona beal British Asion Villa 1-0 in the first game of the Super Cup, Marcos scored the winning goal to the 55th minute of the match. Audionces of around 30,000 watched the game at a Barcelona stadinm.





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No. 8 (423), JANUARY 25-28, 1983

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THE CENTRAL STATISTICAL BOARD OF THE USSR HAS PUBLISHED A REPORT, "ON THE RESULTS OF THE IMPLEMENTATION OF THE USER STATE PLAN FOR ECONOMIC AND SOCIAL DEVELOPMENT IN 1982".

1982, as compared with 1981, has snon growth in the following areas:

That part of the national income, which is spent on consumption and accumulation, want up by 2.5 per cent exceeding 300,000 million raubles (in actual prices);

Profit in the notional economy—by 3.5 per cent;

Average monetary earnings by workers and employees — by 2.8 per cent:

Payment let work dene by collective lermers in the communal economy—by 4.0 pnr cnnt;

Payments and benefits to the population from the public consumption

funds—by 4.8 per cent.

Nearly 200 new state industrial enterprises were commissioned in 1982.

Turnavet of toreign trade increased by 8.4 per cont and seached 119 million roubles.

The population of the Soviet Union as of January 1, 1985, stood at 271,2 million people.

| For commentary see Viewpoint on page 5.)

Forum of peace advocates

Victor. How to over the threat of war in Europe is the themo of a conference sponsores by public organizations in Enrope as well as in the Unlied States and Canada, to be held in Vienne on Fabruary 6-9 this year. The conference praparation committee has been set up. It will includo people of various political views — noted public

ainkl Conference in 1975, the torum organizers told a press F. GONZALEZ for disarmament

Madrid. In a recent national television broadcast, the Spanish Prima Minister Pelipe González louched on a wide range of in-ternational and domestic lasnes.

On international oliairs, F. Conzález noted that the ex-tent to which the threat of wer could be removed dopended on the success of the strugglo los peare lought by the world pub-lic. He declared that he was a finn opponent of the deployment of nuclear weapons on Spanish soll and that he would be the ites to put bla signalnte lo a treaty on universal and complete ilisarmament, should aurit a traly be concluded.

Claude CHEYSSON on Soviet proposals

Paris. The proposals put forward by the CPSU Central Committee Ceneral Secretary Yurt Andropov contain "highly posiilva aspects", particularly the
25 per cent reductions in stralegic weapone belonging to the
Soriet Union ood the United
States, said the French Minister
for External Relations Claude
Cheysson, Franca he stranged Cheysson. Franca, he strassed. is in favour of such an agree-ment being reached at the Soviol-American talks in Geneve, which would make the deployment of new American nuclear Craise missiles unnecessary.

The Israeti oggressore are hastily building up their military property on occupied Lebacese soil, particularly in the Bekas. Valley, I have moved military hardware and stilliery into the valley's welfer oreas. Firing positions and new advanced observation posts are being up a rapid rate. The Israella are establishing no dead room to lear tropic lies, expelling the population and converting abandoned houses this military posts.

In the photo: an Israeli occupation force on Labanese soil.

Soviet proposals: honest, realistic and clear

figures, representatives of political circles and men of science

and culture from dozens of coun

tries. It is expeciet that the forum in the Austrian capitol

will draw over 300 representa-lives from the 35 notions, whirl

aigned the Final Act of the Hel-

Atlanta, Georgia. A decision condemnation of the Reagan administration's policy of escalating the arms race and of interfering militarity alroad has come from the 2nd National Conference of the Jobs with Pesca Campaign which incorpo-rates such major ilemocratic organizations as the American Friends Service Committee, the US Peaca Council, the Mobiliza-tion for Survival, the Women's International Leogire for Peaco and Freedom, and others.

Delegales firmly rejected all allegations by the White House that the Reagan rearmament programma is necessary to coun-ler the mythical "military threat" from the Soviel Union. This threat is non-existent, said This threat is non-existent, said Frank Clemente, National Coordinator for the Jobs with Peace Campaign, who has reconity visited the USSR. The Soviet Union is profoundly interested in peace, it has no intention of allacking the United States or Western Europe. Both the American and the Soviet peoples seek peace, but, as is not the case in the United States, the Soviet government also works for peace. I fully support the new peace initiatives from the Soviet peace initiatives from the Soviet Union. They are much more honest, realistic and understandable than what is being proposed by the Reagan administration.



Origolol Studies of the USSR Academy of Sciences. It so hap-pens that it is the last drawing

Lev Zuenkor, Vaally Niko-layev, and Svyaloslav Potaben-ko bava repealedly visited lo-dia. They bave studied its cul-ling and languages, and many of their works were done in the Vasily Ntkolayar, an ordel of the Novoetl Press Agency worke in the batik techniques which he leared in India. The portrait of Jawahariel Nebru during a parade was does in 1964, by Polabenko, who

Nikolayev, Ballk drawing, & Lev Znenkov, Fishwives.

INDIA

THROUGH

THE EYES

OF SOVIET

ARTISTS

to have been made of Neuru during his illetime.

Lev Zuenkov, so Urdu ood Hindi translator et the Progress Publishers, has contributed drawlogs to the exhibition while translation of the level of the

The items or view cast light on different sepects of life in India today, on the country's cultured heritage and lin colour-tut cature.

The exhibition was a great success to India. Many of the drawings were reproduced soveral times by "The States man," "The Indian Express" and the "Notloos! Herald," newspapern and were much opptedied by Indian readers.

and EVENTS

country.

o infisition in Swinders jumped by ten per cent in the past year, according to thin nations centrel sinistical board, and this led to substantial price rises for assential commodities. There was for the past of lood.

The fire half of lood.

The fire half of substantial price was the past of lood.

The fire half of specime Attacks on the past of lood.

The fire half of specime. Attacks on the past of lood.

The fire half of specime. Attacks on the past of lood.

The fire half of specime was linder than the past of lood.

FEDERAL BUDGET

REAGAN'S 1984

Washington, The draft Federal Americas Budget for the 1984 fiscal year which President Reagan soon intended to put before Congress, provides for an almost 30,000 militon dollar increase in military expenditure, bringing it up to nearly 300 thousand militio dollars. This capt ratitlary expenditure for 1963, when the Pantagon is 10 spetch an unprecedented 263 thousand militon. These statistics come from the UPI news agency quoting administration officials.

teads to sank the whetswithout for this huge spiral in the arms race by a mercilets plunder of rank and file Americans. According to the agency there is to be a record 45,000 million dollar cut in various acciot, programmes, particularly in aid to the poor and elderly.

However, such economizing on the Americans most essential needs will hardly belt the White House rate the gravely ill sconomy, tipl points out that he schministration has already planned a budget deficit of scout 180 thousand million dol-

OPEC UNANIMITY IN THE FACE OF WESTERN PRESSURE

Geacye. The special OPEC conference widch is meeting hero is discussing a unified policy on the volume of all production in OPEC countries. and eonlysing the inflicence which the situation on world oil markots has on all prices.

This unified policy has been necessitated by the sharp day to pressure being exerted on OPEC rations, and also by the Western oil producers, in particular the United States, Britisin and Norwey. Having relacd the volume of their oil production and offering it at dumpting prices,

these countries are sibowing OPEC from world oil markets. Delegates reached agreement on three major points—to ealebvolume of oil extraction, to leavo the price of oil unchanged, and to share out the quotas for extracted oil among OPEC members, said the Ironian Minister of Oil Muhammad Grarozi. Speaking at a press conference, be said that the ngreemen/ was evidence of OPEC's unanimity on the issues on the egenda. This is our reacilon to the dikiat from the Western oil roonopolles, he

JAPANESE-

MALAYSIAN TALKS

Tokyo. In the existing situatinn of discord between Tokyn and the ASEAN countries, twoday talks have started between the Japanese Prime Minister Yasuhirn Nakasono and the Malaysian Prime Minister Mahathir I in Mohemad who has arrived here on ee ollicini visit. The Kyedn Taushio news sgency says that the two etdes are to discuss military preparations by Tokyo, anil economic problems

in the rolations between Japan and the ASEAN countries.

The ASEAN nations are pro-loundly alarmed at Washingtou's inication of "handing over to the control" of the Japanes armed forces a huge ares of the Pacific reaching to the shores of South-East Asia. We reject such plans for extending "the zone of Japaneso delences", stressed Mahathir bin Mohnmail during his recent press conference, in

STAKE ON TERROR IN EL SALVADOR

New York, Sharp criticism of the support the American admitn stration is giving to the reac-tionary rogims is ill Salvador has come from the "Beston Globe' newspaper. Blamo for the continued bloodshed in El Selvedor, 11 willes, should be equally shared out among those circles to Weshington who are trylog with all their might to reisin the offre right-wing Salva-doran military in power, Washingion is blocking the way to a political sufficement by putting its stake on terror and the mas-

sacre of civilians. Daily reports from El Salvador elearly contradict statements by American officiels about progress in the human rights situa-tion in El Salvador. Far from desisting from its crimes, the regime steps them up, in the knowledge that it has firm sup-port from Washington.

We make souveoirs to suit ait testes.

Drowing by Konstantin Rybalko

POOR SHOWING OF REAGANOMICS

Washlagiou. The first half of President Reagen's slay in office has accur the ultimate collapse of the administration's widely advertised programmie for America's economic recovery, ac-

The "US News and World Report" stresses that the gross netional product, a critical indicator of the state of the economy, fell by 2.2 per cent to the last quarter of 1982, industrial production plummeted by 8.7 per cent over tha two years owing to the Reaganomics policy, while unemployment jumped by 44.5 per cant due to declining production, the number of jobles now slanding at over 12,000,000. Reagan bas not made good his promises in the economic lield, "The Christian Science Monitor" points out, and has to be held responsible for the complete fallure of his Reaganom-

_

in their open latter to the president, over 500 authoritative political and public figures, businessmen and scienties claim that a continuation of the preseni policies would have irreversible consequences for this Uolted States, which would wipe out any hope of an eco-

VIEWPOINT Yuri BUKSIN

WHEN PUPPETS ARE NO LONGER NEEDED

Yhe scenario was pisyed out precipitously. The first white millionaire, Dirk Mudge, head of fictitious "government" in Nemible, tendered his resigneilon. Right after thei, the South African regime disbended the so-celled Remiblen "Internal sell-administratioe bodies" -the National Assembly and the Coun-Mielsfers. How one man liough, Preterie's henchman end general edministrator of South-West Africa, wields all the powor in the country

Until recently, the legislative and executive institutes of power formed by Preforts from among the local puppels, served as a cover for the recisis, who used it to exercise control over the Hiegelly occupied ler-illery, creating there sam-blance of legality. Why all this play-selling by

South Africal Mudge decided to quit over an essentially failing mailes. He had refused to contim a decision by the Hallonal Assembly in mark Hemibian rad-latter days hitead of South Al- South Africao tule has been acilean holidays. This proved to

be Mudge's uedoing. He lelled to gele eny ikm foothold in the country end his Damocrefic Turnhalle Allience (DTA) suifered an electoral defect.

During DTA's time in office the country's economic situation sharply deteriorated. Now they say there are three desarts in Keleheri, end the economy. Inol disester. Over 25 per cent of the fermers have left their lend in the past faur years. Union

in the past four years. Unemptoyment is rempent, especially in
the mining industry. The price
of diamonds, copper and urentum has plummeted.
Giving up all further effempts
to camouflage their occupation
of Namible by the travesty of
"sell-administration", the South
Alrican authorities have in fact
admitted to the failure of their

West Airice: the Nemib

Arrican authorities have in fact admitted to the letture of their place, co-dreited with Weshington, for running the country by local puppers.

The switch-over to direct spurit has been supported by the switch-over to direct spurit has been supported by the switch-based by the same has been supported by the s

companied by tener being

overfly maunted against the po-pulsilion. The Johannesburg-based "The Slar" nowspeper re-ported a revision has begun to loughen the repressive "lews" naw in effect in Namible. This war anirusted to the well-known "hawk", Ganeral Lloyd, commander of the Sauth Airicae punilivo troops in Nemible. The forthcoming change of the fer-ritary's general administrator is also designed to loug hon South Airican control over Namible. Yhe post will go to Ven Mekerk, a bosom buddy and

rebid advocate of South African premier Bothe, and one of the leaders of the Broaderbond secrol fascist society.
According to the news egencler, the current tempering with the Nemiblen administration syslem was undertaken by Pretoria al Washington's cua. Yhe rocista and their American petrons re-

ckon that the current stage of

light poll of secrecy.

Namiblen settlement this year! The commender-in-chief of the South African armed forces, Genarel C. Viljoon, recently cherged that Pretorle was not going to pull back its troops from Namible in 1983. Its troops from Namible in 1983. Its raveletions confirm that the racist regime is trying to head off a lair settlement with the perticipation of SWAPO, which is recognized by the UN and the Organization of Airican Unity as the lagitimate representative of the Namibles paople. Namibles talks have employed the Manibles of the Namibles have employed the Manibles and the settles. talks have again been deedlo-cked since the USA and South Africa started linking the withdrawal of the Cuban military units from Angole with the grent-ing of indepondence to Nemi-ble. Curlously anough, ona gets the Impression that South Africa wel. Yhe recists' goal is to use the presence of Cuben troops in Angole to justify their stay in Namible and their frequent military incursions into Angole and other "frontline states" and other "frontline states". Could that be the reason for the fellura of a racent meeting of Angelen and South African

A continued status que in Nemible fully sofisfies certain Western quarters, primerily the Iransnational corporations, which ers in control of that country's plentiful natural resources; Premanoeuvres should lecililate praparallon of military operations
galast, neighbouring Aircen
slets and shroud them in a list the will of the international

化对邻线点

THE WORLD

Majer acciat changes have taken place la Zimbahwe. Free compulsory primery schooling has been talroduced, and free medicat aid is avsilable to low-paid em-ployees. Mtolmum wages and salaries bave been raised both in ladustry ood ogriculture. Price controls have been made stricter, end measores bave been taken to clamp dowe on black markeleers and amugglers. Ao cxteosive housing construction pro-gramma is underway, and much is below dece to revive the intmilable Zimbebwan cutture, Le-

GREEK PREMIER

ON WORLD ISSUES

Athens: Addressing members of the European Parliament, the Greek Prime Minister A Papand-

reou, said that at present the

Western economy is undergoing

a prolonged economic crisis the scele of which is bard to

imagine. The international situa-

lion, he noted, is characterized

hy a tendency to reverl to the

Speaking about Greece's

foreign policy. Papandreeq stressed that his country's main

aim was to strengtheo peace

and curb the arms recs in the

Belkana end hr Europe in

general. He expressed profound

aims race, particularly to nuclear arms, which, he said,

would lead to the destruction of

Greece was a small country,

was fully aware of its responsibility in the struggle for last-

ing peace and universal disar-

The Greek prime minister

spoke in lavour of a just sellle

ment of the Cyprus problem without outside interference.

sed the right of the Arab poo-

ple of Palestine to set up e sists

FOR THE WITHDRAWAL

Ankara. The Turkish govern-

ment nitaches critical signifi-cance to the restoration of in-

dependence, sovereignty and

territorial integrily to Lebanon

and considers that the main con-

dition for reaching these goals in the withdrawal of the israell

troops from Lebanon, Turkish

Prime Minister B. Ulusu told a

press conference hare. He sires-

sed that the solution of the Pe-

lestino problem has to be seen

as the basis for ottaining a last-

ing and durable pasce in the Middle East. The Turkish go-

vernment oxpressed the convic-

flon that early talks on the mstter with ell interested parties th altendence would be an in-portent step towards reaching this goal, Ulusu emphasized.

MUTUAL UNDERSTANDING

Phnom Penh. The People's Re-

public of Kampuchea and That-

land are neighbours and their relations should be characterize

ed by quality, said Hun Sen, Member of Polithureau of the

Central Committee of the Pec-

ple's Revolutionary Party of

Kampuchee and Kampucheen

foreign minister. commenting on the visit to Kampuches of

e group of That members of perflament.

Kampuchean people are engage od in crealivs labour, S. Wichil.

worasen, member of Thailand's

National Legislative Assembly

who was a member of the group

tween our two countries is in-

dispensable, she coled. This

could be promoted by the det velopment of bilateral trade end

economic relations, she alresse

OF KLAUS ALTMANN

Klaus Alimenn, Alimanni

PROCURATOR DEMANDS

La Paz. Bollyja's General Pro-

curator, Erdando Ache, has feet

quested the country's Supreme"

Court to reconsider the extradity

lion of the nazi war criminal.

lives in Bolivia, 1a eccused of the mass murder of French Resistance fighters during World

MN INFORMATION No. 1, 1981

understanding

told a press conference.

Mulual

EXTRADITION

We saw for ourselves that the

IS INDISPENSABLE

OF ISRAELI TROOPS

FROM LEBANON

of their own.

On the Middle East, he stres-

human civilization. Although

tinns of cold war.

there sed children. to the photo: s young femily to the streets of the Zimbebwoo capital, Harare. Photo ADN-TASS

gisistion bas been pessed mak-

log womeo oquet members et so-clety, while much oltention is

giveo to the projection 'of mo-

WHY MORO WAS MURDERED

Rome. Aldo Moro wos kidnep ped and murdered because he wanted a ruling majority with Communist participation in itsly. This was declared by P. Calitnari, a Red Brigades leader, at the end of the trial which has ended here of a group of lerrorlsis from this subversive organization.

There is widespread comment in the Italian press on this slatement by Gallinert who is charged with the former Presdent of the Christian Democratic Party's Netional Council. The Republica" newspaper stresses that this is the first time that one of chief perpetrators of "operation Moro" has revealed the true reeson behind the mutder of the prominent italiao political leader. In the imn, "Paese Sere" notes, "for the first time, the Red Brigades have openly declared that their aim coincided with the secret plens conceived by certain political circles". The paper says that in this context one cannot ignore the threets that Aldo Moro repeatedly received from the United States.

POLICE CORRUPTION IN JAPAN

Tokyo, Rather an unusua ceremocy which was recently played out live on eattonwide TV to Japan went off without e hitch. It started off with asaurances from the Osaka police chief that bribery within the police force was a thlog of the past. This was followed by bis order to sack four policement and that another 120 undergo wage culs or be severely repri-mended. It was in this way that the authorities chose to forms!ly close the case of corruption among the police, who for a long time had maintained "buelness relations' with the city gangsters. in exchange for handsome bribes they regularly provided criminals with secret

toformation on planned round-However, on the day that senience was to be pronounced news was leaked to the prese that 40 top renking policeme who had played a key role to contacts with the criminals, had been crossed out oil the "defondacta list" at the very lest

The investigation didn't have the nerve to indict the top crusi which was responsible for corruption stressed the "Joniuri Shimbun". Only sec-oud-raiers were punished while Influential . hribe takers got off with impunity end will easily be able to resurrect their pro Riable links with the gangelan the "Asaht Shimbun" points out

of operation of the aggressive NATO alliance to the South At Nairobl. The United States to

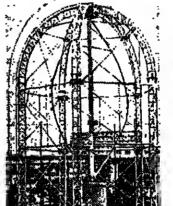
Sam Nujoma on American policies

helping Airica in all ways pos-sible in its attempts to dead-leck the Namibian independence lalks Al the same time, the apartheld regims is rapidly stepping up its military occupation of the country, said Sam Nujoma, President of the South-West Africa People's Organization. lalking to journalists here. in order to undermine the

process of decolonization in Namible, the fleagen administration is attempting to apread bloe politics to Airica, and in particulor, to extend the sphere

taotic under the mythical pretozt of the Soviet threat Namibla is a small country, ond it can in no way threaten the notorious "vital American in-terests". It would appear that imperialist circles in the United States will stop at nothing to help their allies-the racists to impose a neo colonialist settlement on Namibin and to convort the country into a pseudostate like Transkel or flophuthat-

Science and technology



INDIAN POPULATION

TO 700 MILLION MARK

Delhi. lodis has summed up the regults of the census held in Pebruary end Merch, 1981. At the beginning of Merch, 1981, the country's population stood et 685,200,600, a 25 per cent increase over the teo years einco

Al present, 525 million in-dians live in the countryside, and 180 million in cities. Over the previous decade, nearly 50 million moved lote urban areas. The most populous Indian state is Uttar Predesh with III million people.

CROSSING CONTINENTS ON A MOTORCYCLE

Crossing South and North America oe a bicycle—that le ihs etm of Sadan Sakeba of Ja-pan. He inteads to make ble dart in the towo Ushuale in the Tierra del Puago Island southers Argentine to order Inuvik beyond the Arctic Clicle nine months later. The 27-year old driver plans to begin 38.000-km-leng journey later Jenuary.

HARNESSING THE WIND

Our photo shows no electric power station powered by the wind it generates eight watts of electricity with the wind blowing it at a speed of 15 metres per second. At an everage wind speed of seven metres par second the station will generate 17,000 kWh of electricity o year,

The siellon was designed and manufactured by the Japanese Telephons and Telegraph Corporation. It is planned to site such stations on the Islands of Tokara where and Knchino ahima energy la scerce.

Photo Kyodo-TASS

MORE BETTER QUALITY JUICE

Romanian scientists have pa tented a new method for extrecting vegetable and full fulces by pressure combined with the cooling of the original product. The cold destroya the cell structure and results to a teniold increase in the amount of juice extracted. The most important thing, however, to thet the juice thus derived contains a much greater percentage of amino acids and

FROM the SOVIET PRESS

NUCLEAR WAR DOCTRINE

The present adherents to power politics evidently hope that they will be more successful than their predecessors, and that they will be uble to deceive history, to bypass its laws. They therefore think up new military doctrines, each one more itresponsible than the last one, writes in IZVESTIA political observer Voluntin Folin commenting on the militarial plans devised in the United States, such as the "complex strotegio plon", delence directives for the 1984-1988 fiscal years, "Attional Battle", etc.

These and other up-to-dote plans cast more light, emphasizes the author, on Woshington's genuine motives for tolusing to rolly the SALT-2 Treaty and a number of nines Soviet American agreements. And the underlying reasons for the obstructionisi American policies un disnimument us o whole, on confidence-building measures, and on limiting military ortivities by sinies, as well as the yenutho motives guiding the UN American delegates voltag agransi oil draft resolutions introduced to stop the orms race — become electer to us.

Honest cooperation, the united efforts to sulve the main problems which worry manking, joint constructive work by sicies with different sucial and political systems — nil that is something that does not itt into present thinking in Woshingion. This is what goes organist the grom in American politica which deny the very nxistence at principles of good neighbuuriness, the pitarity of common sense, and the need to make nuclear war unthinkable und impossible.

COULD IT BE BRUTUS?

Readers of SOVIETSKAYA ROSSIYA are brought up-to-dute with the present situation in truly by Claudio Praeass, a politted observed for the "Puese Sent" newspaper. Among other things ne writes:

The occusion for the intest quartels which have bruken out in the government has been the so colled "flutgorinn ollous", i.e., the artempts to necuse a Bulgarian effizer of complicity in the attempt on the life of Pope John Punt If on May 13, 1981. The fell wind torces have demanded that unother mujor investigation be mounted into the circumstances succounding the attempt in order to enable the public to feath the truth, and only the truth, it is important, the felt wingers sites, tool to come in hasty conclusions in such circumsiances and to forestall ottempls to capitalize on the atlan for political purposes. Some representatives of the government condition have gone as far in their assertions as to allege that ull the ricis of terrorism carried on in Thily over the pust 15 years are "the work of Solio and Moscow", in other words, they repeat Reagan's thesis However, the numerous investigullous which were corrict out in fully before, show that things stand quite differently. One phaciver noted: following the present habion of necusing Bulgoria of complicity in ter-torism, which has been suddenly adopted by some liotian politicions, one could also go to the lengths of saying that Buttis who killed Julius Cuesor some two thousand years ago was a Bulgarian agent

A LADY PLAYING AT SOLDIERS

The hostess of No. (II. Downing St. should not be autpitsed of this headline, writes KOMSOMOLSKAYA PRAVDA special correspondent in Landon, P. Mikhalyov. Site has read it be-lore in the Landon "Morning Stor", the newspaper with which, it one is to believe her recent TV interview, the fady Prime Miniater begins her working day.

Mikhaiyov onalyses the Tory policy on the Folkland Islands fision Molvinos), n was in which 255 British lads lost their lives one enother 700 were mormed of a cost to the British toxpayer of over 2.000 million pounds.

There was more than meate the eye in this client to resurrect the past grandeur of Billoin, the ruler of the seas. The clists was needed, indeed it might well have been invented had it not so conveniently occurred, to paich up the bankrupt locade of the Tory cabrael, to cover the fatture of then ontipopular dimentic policy, to justify the orms race ond the militarie course of tollowing blindly in the wake of the Pentugon's nuclear choriots. Were the Toilee succaseful in this ploy? To a certain degree, yes, writes Mikha-lyov. Regretially, a chauvimula lervour has drawn o litim over the eyes of many of the inhabitants of once loggy Albion. Not oil of them, though, have lost their eight. And the number of the latter grows, This is understandable. The "etronge war" in the South Atlantic has any resolved a single problem. On the contrary, it has merely exacerbated them.

OF INTEREST

micro mini for a family

Japonese cal makers have prepored a model of a new tool existing care to this day, there will be a place to u grown up driver and on orla-cent aedi for o child. The length of the minicor will be less than two marres, and half that in width. The cur weighs 250 kilos it will consume one little of petrol let lilly kilometres. The projotype will be made within year, while now they are dociding the question of the possibl-Iny of a "minipile" for the micro minicar

The dangers or otherwise

of bathing your baby? in a number of countries-But-

toin, the USA and Sweden-bables are no kinger bathed. In stead they are tubbed with wads dipped in sterils scapy water because it is believed that there is more danger of intertion of over two hundred newl born bubies, huwever, Swedie doctors lound no change in the regulatity pollers of discuse as compared to those bables. Who had been kept out of the tub Those who are bothed thoug cry less and ore proclically in mune to calching bold—quite permusive indicatos epecialing lavour of traditional methods.

10th-CENTURY PICTURE GALLERY

A picture gallory created 1,000 years ego has been dis-covered in a 334 m deep cave in the state of Tennessee, USA.

The pictures were done by North American Indiana, cave serving evidently as a place of worship, claims Charles Faulkoer, onthropologist from Tempessee State University and bead of the research group.

There are cearly a thousand human, animal and bird figures on the walls which were epsol-ally treated with tley. The figures, ronging from several cantimetres to several metres, were pressed into the soft cloy by linger or stick. All the images are well preserved.

MK INFORMATION No. 8, 1983

THE ASSEMBLY HAS BEEN COMPLETED OF AN UNDER-WATER PIPELINE IN THE CAS-PIAH SEA TO LIHK THE BULLA MORYE OIL FIELD WITH THE MAIHLAHD. The sew line will help solve the problem of the delivery of oil to the relinery.

TESTS OF ROBOT TRACTORS NAVE STARTED AT THE TESTING RANGE OF THE LENIN GRAD KIROYSKY ZAYOD AS. SOCIATION. Three such hectors cen be operated by one driver who coeirols the vehicles by mees of electronic devices. The results obtained from the lasts help improve the commercial

A MAP SNOWING DEPO-SITS OF DECORATIVE STONES IN ARMENIA HAS BEEH COM-PILED BY SCIENTISTS AT THE IN-STITUTE OF GEOLOGY AT THE ARMENIAN ACADEMY OF SCI-ENCES. The map on which neerly two hundred deposits of yeluable lacing stone ere merked, is designed for use by erchilects.

Apart from the treditional marble eed tula-stene, the lacades of the Metro sistings le Yereven will cow be decorated with an unurual renge of alone: gebbro-dioriles, litivae/tes and irs/niperent

THE PASSENGER MOTOR YELANSKAYA", NAS SET OUT FROM THE PORT OF MUR-MANSK. ON BOARD ARE RE-LIEF-CREWS OF FISHERMEN FOR THE FISHING VESSELS OF THE MURMANSK TRAWLER FLEET WHO ARE FISHING IN THE ATLANTIC. The relief of crows on site in the lishing grounds is convenient for the fishermen and prolifable for the fleet, as the frawlers can sley longer out of sea and net in more fish.

MI

THE VOLUNTEER SPIRIT

marelug le Jaauary naur tho fron leoce at Kriz-miosky Park. maila at the Pashy works in the Urals. They came ucliher lar an excursion, on to admira the estate which helanged at oos time lo the Guilleyn lamily. Gennice love to active and these people wha really lave the past cama

They had gathered in response to an appeal published In a Moscaw newspaper lar halp In restoring the estate. This was the first appeal of resioner ine esiste. This was the nost appear of the kied, addressed to young Minscoviles, to be pricied by the occuspant and the result was beyond all expectation—more than 100 papple, not only Minscoviles but suburbed residents as welf, decided to give up their Sunday to the estarollos of a cultural manuscul.

The amateur restorers solts work in one at the nitbullillegs of the rentral manar-house which was hust in the IDth and lith rentaries by thr lamons Russian arrhitects Maivel Karakov and



CRYOGENIC TECHNOLOGY AT WORK

A new generation of electrical machines has been innugurated with the appearance of a cryountegenerator with superrunducting windings designed in Leningrad, After a series of ulf-round tests, the 20,000 kW generator has been approved by a alalo acceptance commission. it will be installed at one of the city thermal power stallons.

The use of superconductivity, when metals and niloys at lemperatures close to absolute rem rease to offer electric resistance. opera topin new luture in power engmeering, sald Academblan Globov, one of the leading specialists in this area, commenting on the new development.

the problem with inditional machines is that any increases m unit power rathing me resmaterials required, large sizes my olved and considerable losses of energy incurred. Cryogenics thing away with all these drawhacks. The manufacture of the new generator, for example, required only ball of the custly electrotechnical steels and the

slances. What now has to be done is to that access to their machine lisell weighs univ ngalast 45 tonnes, the weight of

at the Kulinin collectiva larm tried ploughing 200 hectares of lands with boardless ploughs, washing it tree of asit. The rain and snow washed out the clay particles and the takyrs lost their boggy, claying quality which is harmful to plants.

The spring son wanted the riests of the furraws in which colton sceda were sewn without the need for any additional procosting. The dense clusters of cotton shoots which soon made their appearance confirmed the allicioncy of the new technol-

Last autmun agriculturalisis

ogy.
The agricultural development of the takyrs is now going on in many places his Turkmenlo. It is dillicult to overestimate the timeliness and imparience of this work, with takyra occupying over 2 milian hectores in a republic where they fight for every square metre at orable land. Once the takyrs are made lertile the barvesia of coiton, grein, foddar and other agricultural produce will be cansideralily increased.

FAST EXPANSION AT NORILSK

A 12-stoney residential block has surung up on the outskirts of the town of Nortlak, This is the first building of a new highrise area in this Arctic city. Norlisk, surrounded by

swamps and ore mountains, can not spread, it can only rise. The foundations of the new buildings which will spread into the orea of permation beyond the district of rock are being made ont of reinforced concrete piles. The hills along Lake Dolgoye which were also once considered unfit for construction have started to be hull up tooa new street is taking shape

But even so, Nortisk, a large Arctic industrial centre with population of 250 thousand in habitants, is short of space. This is why it has been decided to hulld o satellite havn, Ognies, six kilometres iron Noriisk. The deep river Norilka, several lakes and monderful wild henry plotus, are in the vicinity.

It was under fifty years ago that they first started producing non-terrous metals at the No rilsk complex which brought the town of Nurtisk two being And now it is Oganer's turn

A MAMMOTH **GENERATOR** BEING BUILT

The Kharkov Elektrolyazh mash atomic engineering plan hos begun building a one-tuil llon-kilowati generator.

The Kharkov engineers ple neered the construction of the 500,000 kW atomic power units. Their operation at the Novovoronozhskaya plant allowed the portent, new engineering bleas The new machine can be hull hoving an atomic reactor as s single mut. This makes the equipment 350 tonnes lighter and the building somewhat smaller. There are lewer suice melic devices and personnel,

HOME NEWS

A COLLECTION OF RUSSIAN CHINA

A callection of late 18th-early 19th-century Russian chino has been added to the Novgoroil nuseum-reserve. Bought from privale collectors, it includes over 40 figurines depicting represents. lives of the lower classes of Rus-

sian acctety at the time.
The origin of the china is of interest. It was made by the multilude of small loctories which appeared in the iste 18th sul early 19th centuries, a period of cultural and economic advance in Russie The cialismen, who were moinly people

ol simple origin, learni ironi and interpreted in their own way the leatmes they liked in the china of large factories engaged in moss production.

The picturesque officies representing accues from everyday life and modelled in the manner of the troditional Russion clay loy, were quite in harmony with buyers' lastes.

Many of the fiema bear the mark of real talent, and display the seosa of humour, typical of Novgorod cinflainen.

ARMENIA'S VOLCANIC TUFA

Another lufa deposit at the foot of Aragais has been disrovered by geologists in Soviet Armenia in addition to the already known 100 deposits of this volcanic stone.

Scientists maintain that in lava flow on the plenet produces such a durable, lightweight, and strong building material as Armenian infe. The best of them is the rose stone of Artik quarries in the republic's south west. Most often, milleunium-old temples and loutresses were built from the most durable locks-those of dark lines. Multicolour infa, the reserves of which are estimated at 2,000 nol anly by the builders at Armenia but also by those of Moscow, Leningrad. Kiev and other clites of the USSR. It is exported to foreign countiles. Tula is not limited to use in

million cubic nictres, la naw rised

construction. In chemistry, los example, it serves as a rainlyst ol various processes. After no appropriate healment, infa la inmed into a soft artificial libre. Pulverized porous inla is sprayed over helds: if accumulates moisture in its pores and gradually gives it oil to the

SHRIMPS IN BYELORUSSIA

The shrimps that were introibred falo Lake Beloye in Byelorussia last spring are just at home there as they are in their salive South-East Asia. In number they have now ucerly reached commercial propartions. The production of this sealood

is not the only purpose of the acclimalization experiment being conducted by hydrobiologists at the Byelomasian Academy of Sciences. Their other interest is ecological The lake whose waler temperature was sharply raised by warm waste from the Seryozovskayo thermal power station, has become virtually "dead". Su II was iderided to populais it with werm water

varieties of lish, But this proved to be lasuilicient to return normal life to the lake. It was found necessary to introduce organisms capable of processing the sediment at the bottom of the laks which palaons the water. Shrimps were chosen to perform this role. In addition, they make excellent food for young

batch of acclimatized shrimps was sent not long ago to a thermal power station in the Saratov Region. It is also planned to slack the lake an which the ingaline atomic pawer station is being built with shrlanps.

Science and technology

VOLCANO LIFE EXPECTANCY

The Bezymyanuy Valcano in Kamchetke will go on raging for aliant one hundred years beloro it strate to "bibernate" ian e millennium, according to the lasti-lute of Volcanology at the For Eastern Centre of the USSR Academy of Sciences. These lime periods were determined by examining the eruption products thansands at years old, lying at the volcane's feat. In this "pastry-puti", the volcane's chronicle, one can read the hisschedule of its activity and the scale of its ernotions.

Bezymyanny ta just one of the ten live volcanoos in Kanchatka under study by scientists.

The shidy made use of the new method of loose sediments as well as carbon probing. Emp tion riales were determined by examining coal, wood and soll layers. Once the activity cycles and scales are knawn. If hecomes possible to make a longterm locecast of eruptions.

The scientists employed the method to reproduce the jucture of roleanir activity in a large area-the Tolbachik zone-orei the past ten thousand years. It attracted their attention when new volumoes appeared there in 1975-76. The research has revealed that the Tolhachik cuiption was the largest in the his tory of the zone.

A GENERATOR ANALYSER

The ITB-204, a small Instinment, designed by Leningrad engineers, will help detect any flaws in powerful imposenerators in good time. It is sufficient to bring this pistor-shoped meter close to the tread ring for it to immediately regisier an exact temperature belween 0° and 300°C. The sensitive element is provided by a concave reflecter with an infra-

real receiver. The railector acis as a locus los the heat rays and, as e result, indicates a temperature rise at a particular point. An electronic block with integrated circulta transforms tha algua-

SAFETY FOR MINERS

into instrument hand rendings

Compressed all will form a reliable rooling in the coal mines ol the future, say Ukralalan en glueous in Donetsk. The research which they started in their laborniory was transferred to lie Pollavsknya mina whota they icsled out their idea at a canshierable depth.

80-metre-long soft cyfindrical trags were lirst laid on the coat lace and then inflated with air. The three-olmosphere presente turned out to be auticioni to withstand the glant lood of almost one kilometre of rock.

Having won miners' opproral he their project, the engineers are now preparing the first commercial batch of their products.

MEDIEVAL WARRIOR'S **GRAVE FOUND**

The ancient Kazakh land has revealed yet more freasure: the grave of a medieval warmon was found rinder on ordinars looking fullock at the edge of a desert adjoining the southern Hp of lake Balkhash.

After a thorough examina tion of the site which they dated to the 14th century at the latest, archaeologists found remmants of silk garments emiscoldered to gold and silver, o belt with gold playues and a pair of leather books. They also discoveried a long-nosed silver pti-cles and a gobbet made out of silver and-gold alloy decorned with the engraved design of tohis flowers and of a hailing

In the opinion of experts at the Kezakh Academy of Sciencea, the rich finish to the clothes and silver objects suggest that the grave belonged to a member of a rullag clan.

VIEWPOINT

NATIONAL INCOME OF THE USSR: THE FIRST FIFTY UNDRED THOUSAND MILLION ROUBLES

Leonid UMANSKY.

Chiet of the Deportment Statistical Intermedian of the Central Statistical Board of the JSSR, onswers questions put to ittin by one correspondent hina Khutshleviti

Q.: The ruport published by he USSR Contral Statistical Board says that the USSR oulicoal lecture reached inoro that 500 thousant million roubles in actual prices in 1982. Could you pleuso givo us a mine preciso explanation, and fell us what thot figure represents?

A.: The national income that part of the GNP which is left after deductions of costs for iaw mniertala, incl. electricity. depreciation, and other expends are on material production. In the USSR, the national income grows from one year to mucher. This is an impressive ligine. is customary to view the growth al national income as represent ing in concentrated form a reflecon of the results of the coun try's economic development.

Q.: Will you, please, nome the major results?

A.: 1962 saw continued growth a 28 per cent growth as conf pared to 1981) to Industrial in duction. A mumber of Industries miticularly those which set the take in science and technology. developed at on accelorated raid Time, the manufacture of auto matic manipulators with programme control [halustrial robots) went up 1.6 three, com puters-by 12 per cent, mainienis and means of automotic by 7 per sent micial-cutting tools will programme control hy 15 per cent turbines h B per cent, and major electri locomolives by R per cent. In 1982 6/3 million tonnes of oil 501 thousand million cu m of gos. and 7/8 rollion tonnes of oal, were extracted in ou

The annual rate of growth to the output of agricultural pro duce was 4 per ceol. There was a noticeable lacrease in th grain harvest, as compared with 1981. It is noted in the Report that the state grain resources completely satisfy the popula-tion a needs for bread and bread

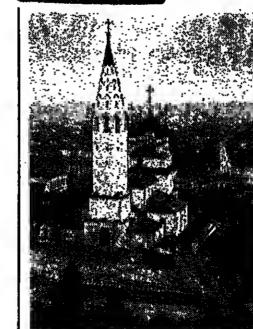
The capital Investments in the national economy increase from one year to acother. In 1982, totel capital expenditure—irom all sources of financing—ex-ceeded 141 thousand million roubles (in 1981 il amounted i 138.8 (Housand m/Illion roubles). Nearly 200 new clote lodustri enterprises were put into oper lon. Large-scala reconstruction and lochileal relooling was carried out of existing enlar-

Q.; Up to cow, we have been alkiog about the ec velopment of the country, in other words, shoul the results of the inbour contribution made by the population who create the sational income, Whist benefits have the creators, the Soviet people !!!om#elv69-recolved?

people illempelves received?

A: In the Soviet Union, three quarters of the ontire particular income is spent on consumption, and with expanditure on housing and socio-cultural construction taken into account — four film of the national income is spent directly on the people's welfate, But what we are takening about here in the state plan for pational focial development which warracte a separate article of its own. of its own.

Places to visit





An overall view of the village of Palekh, in the courch to the larground, there is a collection of suction Palekh-style icooe on view, A misfalure, "The Russian Field",

in recant years, injourist has lockwied on its illograries sever places where a lew centuries ago folk aris and crafts were horn, Oog such place is Palekh, where they deministure paintings on black lacquer caskets, powder bace, actebooks, albums end decarative panels. The arlicles produced by the skilled ordinate from Palekit are called at the second control of the skilled ordinated from Palekit are called at the second control of the skilled ordinated from Palekit. are called after the village where they were made, ino

IN INFORMATION, NEW 1983

Palekh is four hindred kilometres north-cast of Moscow. When to the 13th century the Tarter hordes led by fished Khap plundered and destroyed the cities of Viadimir and Suzdal, a lot of the towns lob took shelter in remote torests. Among them were many masters of freedo painting. It was they who lounded the village of Palekh. Sages, fairy likes, Russian history and the present-day life of this

country are smong the solicite chosen by Palekh Reinters.

A new workshop: has been erected in Palekh end an airt school where the best clements of Palekh art, are how being taught to a third generation of artists. Today, there are more than 150 ministurists working in Palekh.

FROM the SOVIET PRESS

DEVELOPMENT PROGRAMME FOR THE NORTH WANTED

Almost Fall at Soviet terminy is mken up by Anna regions, writes SOVIETSKAYA ROSSIYA, Forty prens and over tone handed settlements have been built in the area. Vorkuto, Magadan Surgut and Nighneyortovsk have over one fundred thousand chizens coch. Two hundred thousand his in Northsk and 400 thousand in Murmansk, The North is he'ng developed and popalated no rates which are higher than those existing in ony puri of this country.

bilicen or twenty years use it seemed that the probtems of the North had been solved. But due to fack ut to resight in socia-economic planning, some towns experferred considerable dilligations for example, not 13 thousand, os put the pretininary estimate, but 52 thousand people now live in Lynda, the capital of the Burkat-Amar Rutiway project! A model of the inletoclion between value and love planning systems in condittons of concentiated industrial riseus inceds to bo worked out as do the criteria for comfort in the North; and serious medical and biological receiped undertaken, Nevertheless, development of the vast tentiony cannot be slopped. About 20 million squain metres of housing is to be built here in the very near future.

Rescorchers, lown-planners and hallders need to coordinate their offices, and a comprehensive pro-yeamne involving fliem oil should be drawn up. Such was the opining of experis who guthered recently in Northsk for o meeting sponsoied by the Russian Federa-tion State Committee for Constitution.

SPACE PHOTOGRAPHY AS AID TO GEOLOGISTS

Space photographs reveal to an increasing extent the siches of the cordine subterruneph panistes, mys. Volkov, Deputy Minister al Geology, writing in

IZVESTIA. They spon intgo areas and, therefore, shaw n.ajor geological structures which connot always be explared by traditional inclined of prospecting.

n conventional piece of equip-

ing. The new generator is 90.5

The work on the cryofurhu-

generator, the most powerful in

lin would to date, has regulared

that scientists and apecialists

sofre many basically new scientific and technological profi-

lenis. A more powerful cryo-

gente generator is being built by

lakyrs made fertile

The old view that clay soils

which are as hard as rock and

which are called takyrs in Tur-

kmenia are inlettile has been

theproved by the Institute of

Describ attached to the Turking-

man Academy of Sciences and

l elaborate research conflicted

over a number of years they

have come to the conclusion

roun containing nutritional sub-

rhal takyrs are a form of store-

by rollon growers. As a result

the Flektrosila belony.

ment with the same prover re-

per cent utilebut.

Ground chocks on the dolo received fram decading space photographs have been cutried aul in many re-chans und have already yielded practical results—the hist gealayical discoveries canfirming cosmogeological intecusts. Among such discavely are the onelent valcono-lectonic structures governing the distribution of ince out mobile metals in the Fm East, copper-rich zones in the Bukul-Amur Bullway nied, and o pramis-ing rencentration at the in Yokutto Possibilities have been revenled far muking effective use of space photaquaphy in the seurch for new depasts in the Siberion pluttorm it has jurned out that many at them tollaw ninng the lengthy systems of crevices which ore very difficult to discover from neval pholographs or ground-hused prospecting, he space pholographs those areas show up very clearly and space photography has been used therefore to hiente ment, for prospecting. Oplimum sites have also been discovered in this way for siles have been opened,

GAS SAVES PETROL

Di nil types of power sources the most dynomic development in the 11th tive year pion period is to be the extraction at natural yas. By the end of the period the shite of gus in the cutatry's power balanco will equal that of oil. This makes the problem of the highly elective use of ratumi gos particularly important.

There is still, regretably, considerable faefficiency in

the use of gas: it is burnt to bottor rooms for central healing, lechaniogical lurnoces in the botters of efectris power stulkins, writes Deputy Minister of the Gas industry of the USSR Foizula Gaiaulita in the MOSKOV-

stations run on gas. They have olso mude o preliminary calimula of production costs. Costs, with occount being.

token of the cost of raw gas, omount to 55 roubles per fonne of conventional fuel, whereas a lonne of the A-78

SKAYA PRAVDA nawspopar. The All-Union Research Institute for Gas is cloting a fold of work in the Held. It icsis curs and compressor.

that the entire differences in cost will be profit - the increased weight of fuel receptories, the decreased leeway of run fram o one-time fuelling will roise the price of gas, though in general there will be a 10 to 12 per cent decrease in the costs of trunsport work of moior enterprises. In other words this omaunis upproximalely to a 300,000 to 350,000 toubles suving a year per every thousand vehicles. But orguebly the most serious advantogs of gos-powered vehicles consists in the saving of liquid luci, the minister points out.

petrol costs 133 roubles. This does not mean, however,

CLUB FOR LARGE-SIZE FAMILIES

Club council chotrinan T. Demenkov tolks in STRO!-TELNAYA GAZETA obaui an unusuni elub-lor iurgesize lomilies. Il was creuled two years ago in Leningind. Once o manih, eoch second Sunday, 200-300 molhers al large lomilies (o lorga-siza iomily is one in which thera ore no less than four children, with the smollest not mote than 12) and even several fathers cont to the House of Culture for our club meetings, he writes. These occasions are looked on by our members aven oil of them of once. While the mother tolks to 0 tincior and gels odvice from psychologists or lawyers or wolches e film, the children will be looked olier by icochers and will also be provided with something of

intercal to do. And yel mothers dun't first cume have to apend their spora lime in a useful way hoth for thamselves and their children. What then ottrocts them to such meetings Despite the lact that a mother's rights pro protected by Soviet law and special provision is provided by the stole for mother of many children, there are plways planty of problems in lorge lamities.

Our club tries to help overcome such difficulties. We

ann o special survey among club members to lty and delerming those fields in which most elicit is needed. The mothers of large-size iomilies in Leningtod soon caught on they had plenty of experience to share and regized they could be of help to one another, the poper concludes,

brush il op with ectizg." said Akimev shout this

pari. And that was frow he became Crassuo -

Soon afterwards Akimey desced the part of the

Evil Gealus la Pyoir Tchalhovsky'o "Swae Lake"

Aif of a suddea... Akimov left strong pains in the leg. That was when his willipower and strength of spirit came late their own. Akimov

could so longer dance. He look e rebearsal class.

Ills classes were so lateresting that Maya Plisei-

shaye, Viedimir Vasliyev and Mikhail Levrovsky

cann lo wotch, lie drew up a sirict recovery schedule for himself and sluck to it timily. Eves

turlly the time comp when he was practising ageirs at the bar and thes to the middle of the

floor. Flasily there was a performance: he denced the Priace is "Swan Lake". Admiring his easy,

elegant movements, low people in the audionce realized that there had been a two-year break

since he was lest on the stege and that he bad

since he was lest on ind stege hed that he had sulicred a heavy leg lajury.

Another hallet by Grigerovich — "Ivan ibe Terrible" by Sergei Prokoflev hrought Akimov greal eriblic satisfacilos. He denced Prince Kurbsky in the preducties. He teck time is working as the part sludying documents, fiction ead letters—excrything is lact that concerned

Kurbsky sed his age.
"I wanted," he recalls, "to create the tmega of

pallant, bandsoma and couragoous princo; te

present to the audience a live man with all bis

mistakes, delusions and unrequired inve, and to

tender all this in movement, via any danco,"

Aktorov showed the strong end passionalo character of a man who had lost his ostive land

by force of latal circumstance,
111s lotest parts are a duet with Allo Mikhalchenko in the belief "These Fascinaling Sounds"

directed by Vladimir Vasilyev eller music by

Poem" by Ulughek Musayev - a symbolic

While dancing at the Bolshol, Akimov groduated from the ballet department of the Moscow institute of Dramslic Art. He sow teaches a

Margarila ANOXIIINA

instruments of a symphony or-

chestra, the whole range of the

human voice, the noise of the

oes, and many other sound el-

and very responsible job will be over in the second half of 1983,

thus the organ should be belag

played again before tt is 100

years old and the vaults of the

wonderful hall will ring out

once more classical and modern

There are 300 works on dis-

play of the exhibition. Apari

from lilustrations, there are

graphic la odscapes, lino-cuis,

watercolours, portraits of out-

standing poets, mudicians, com-

posers and palaters. Konstanti-

nov has been working as an

aitlet for almost half a century.

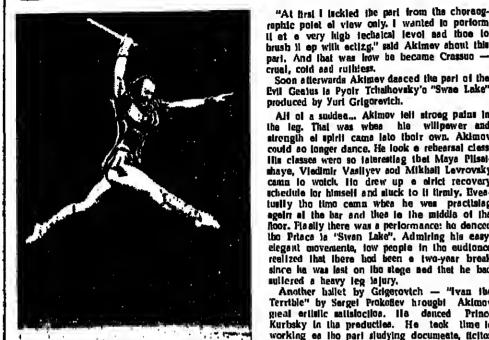
It is thought that this difficult

mage of evil force, e whiriwlad, a fornado.

seafor course of choreographers.

crual, cold and rulhiess.

produced by Yurl Grigorevich.



Burts Akimov dancing Crassus in Aram Khaciralurian's ballet "Spartacus", Pholu by Georgi Solovyov

When Boris Ahimov, one of Marts Liepu's best students, graduated from the Moscow Ballet School in 1963 and (olace the Bolshot Company, it seemed he could tackle anything. All roles were within his grasp-lyrical, comic, grotesque and character.

il so bappened that when Akimov was preparing his first major part-that of temushka in "The Hampbacked Horse" by Rodion Shehedrin, the Botsbot was rebassing Aram Khachsturlan's "Speriocus". Little time was left before the first might and yet these was still no second deacer for Crassus. The part was denced by Liepa in the male cast. He saddenly suggested his student. The director did not readily agree, but Liepa insisted and had his way.

The famous Oom Cathedral

organ in the Latvish capital of

Riga will be 100 years ald in

Jenuary, 1984. Last year the citizens of Riga and guests to the

town were unable to listen to

the wonderful organ concerts in the Dom Cathedral, said V. Kau-

puza, Latvian Minister of Cul-

ture. The organ was dismanifed

Today the parts of the unique

The works by Fyeder Ken-

stacting which ern on view at en exhibition which her opened in the bells of the USSR

Acedemy of Arts, at 21 Ksopot-

kinskaya Sireel, represent an invitation into the world of his-

Konstantinov is widely known

in this country and abroad as on

illustrator, la his etchings to out-

and sent for repairs.

The Dom Cathedral organ to sound again

THE WORLD OF BOOK ILLUSTRATIONS

back Iron Holland, Duich crafts-

men - the best restorers of old

organs-liave started to assemble

the instrument has to be ad-

fusled and tuaed. The adjust-

med of such complex instru-

meat requires virtuoso craits-

raproschable sound in all the

6.785 pipes, which are different

in pitch and physical volume, capable of reproducing all the

standing works of literature the

eritsi conveys the epirit of antiquity and the Renaissance, of

Ancieni Rus and the Pushkin

epoch. Konstactingy has il-

lustrated, among other things, linraca's "Odes", "The Legend of Thyl Ulenspiegel" by Charles rie Cotter, "Misyri" by Lermon-

lov and "Crimo and Purishment"

by Doslayevsky.

TROUBADOUR

"A Trouhadour from Stockof the great Swedish poet of the Bith century Carl Michael Bellman which bad its first night recently at Illerery-drama studio, unitiag actors from various Leaingrad theatres.

SONGS OF A SWEDISH

However, this time round the main role was entrusted not to a prolessional actor but to writer I. Ivanovsky who transleted into Russian C. Bellman's main works. For his translations he was elected member of the Ballman Society la Stockholm. Carl Michael Ballman is es great a phenomeaon lor the Swedes as Pushkin la lor us,

Ivanovsky has completed work on an anthology of Swedish postry, embracing several centuries-from folk ballada to present-dev works.

says Ivenovsky. Hie poetry mo-

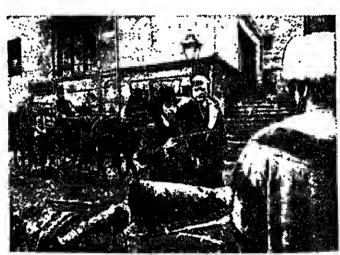
it even today, two centuries

ves ue and bas e Iresh ring to

FACTS and EVENTS

Films. Following the results of a survey certind out emong Romanlen Illm critics by the Bucherasi "Cinema" magarine, Yalang Soloval has been voted has illm ectrass of 1982 to her perfermenca es Olga in the Ilim "Savaral Days in the Life of L L Oble-mov". This Soviel life was shown with much success on Romanion screens. Restoration, Restoration work

is elmost linished on the halfry ol the Church of the Presantetion of the Blassed Virgin in Baryshi, Moscow, This 17th-18th cantury monument is situated in e slein-prolected zone incorporating Khmelnitsky and Charnyshavsky streets. The next stage ol restoration invalves the main white-slone building of the church which when fully restand should become a major allrection of this encient corner ol Moscow known since the toth century under the name of Ba-



la lbe photo; oa lha Bim set.

'THANK YOU, RATIL'

In Tbillsi, the Georgian film director Georgi Kaleioziahvili has started shooting a colour movie, "Thank you, Ratil". A Gruziafilm and Barrandov Film sludios [Czechoslovakia] co-pro-duction, the Bim will tall the

story of the Czechoslovak com-poser Jozef Ratil, who lived in Georgia for a long time. Ratil promoted choral art in the republic and had many friends among the musicians, composes and public figures of Georgia.

tion of about 100 works by Via-

dimir Filatov, one of the leading

contemporary arills working in glass. On view are decorative

items compositions, vases, gen-lets, ies and dineer sets. Dally,

excapt Moedey, 1 p.m. to 7 p.m.

Exhibition Hall. Society for

Razina Sij. "The Old Culture of.

Altal". As exhibition featuring:

Dally, except Monday, noon to 7 p.m. Matro Ploshched Nogina.

__ FILMS ____

And Justice for All [USA].

ba Protection of M

Contacta and contracts

O TASS and Reuter have signed e protocol in Moscow. It provides for continuing efforts to expend cooperation, including the joint use of means of communication and for mulual assistance in the distribution of general political and special-interest news.

O According to figures issued by the Austrien Faderel Economic Chamber, hetween Janua-ry and October 1982, Austrien exports to the USSE rose by

22.1 per cent.

© The total Standing Franco-Soviet Commission has held its 17th sassion in Peris during which a wide renge of Issue wes discussed concurning Irada and economic links between the two countries.

O A prolocol has hean signed concerning irade be-lween the USSR and Yugoslevia In 1983. This year, the exchange ol goods is expected to top seven thousand million dollers

© Polish rhipperds are now building several 8-93 gao-physical versal ordered by the USSS for asploring see shall erear. The lirit such rhip is to be launched in 1985.

METRO FOR WARSAW

The decision to build a Metro in Warsaw was taken last year. Today, Polish newspapers are already rarrying photographs of the building sites The tirst tine which will join

the conthein and northein parts of the city wilt help solve fransport problems.
Soviet experts will give ma-

for assistance to their Polish colleagues in the laying of the Melro Iracks. Pollsh designers and engineers have already been to Moscow, Leningrad and Kharkov where they have familiarized themselves with the lechnology of Metro construction. The Soviet Union will deliver cranes, welding machines, compressors and other technology and equipment for huliding the Metro to Poland. The carriages come from the Soviet Usion.

WEATHER

January 25-28

In Moscow, city and region

Night temperatures of -3°.

Iba N wind is especied to veer

to SW and temperatures to rise,

-7°C and of -to, -5°C is the

deytime, Light seew probable

IL-86-THE PRESENT-DAY WIDE-BODY AIRCRAFT FOR LINES WITH HEAVY PASSENGER TRAFFIC

The enhanced tekeoff-lending characteristics, the high menonuvrebility on the ground and relatively low toods explied to ekstrips allow for operating the 1L-86 JET from airlields of the same class as those required for nedium-size alicraff, such es IL-18, TU-134, TU-154, BOEING-727. DC-8 end olhers.

The slete-al-the-art evalents of eutometic control and nevigation fully provide for ragular liights via op-

The speciaus, camforieble interior with broad pessages eccommadeta: 350 pessangars. The butti-in elisteits offer speedy emberhment and disamberhment independent denly of the ground services.
With the mesimum tekeoff weight at 206 tonnes, the IL-86 JET tehas la the eir from elestrips 2,300 to 2,600 m

The cruling speed is 950 km/h. The preclicel range with the commercial psyload of 40,000 kg is 3,600 km.

V/O AVIAEXPORT 32/34, Smolenskaya-Sennoya Pl.

Chbles: AVIAEXPORT MOSCOW, Telephone: 244-20-8d Telex: 411257 AVEX SU 411335 AVEX SU



Trade with Bulgaria By the mid-80s, with aid from

The Soviet Union is responsible lor over 50 per cent of Bulgarie's loreign trada, in its turn, Bulga-ria is one of the main Soviet

trading partners.

By 1985, trade between the two countries will exceed the level of the past live-year period by 3B per cent.

the USSR more than 120 Industries, Industrial lacilities and tachnological lines will be expanded. raconstructed or modernized in Bulgaria. The Soviet Union is also to deliver equipment to the sum of 1.4 thousand million

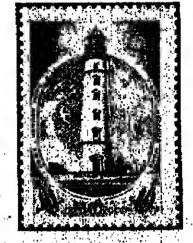
Servicing station for farm machinery in Angola

·A new servicing stellon for larm machinary has gone into operation at the Angolan staterua collon growing amaigama-tion (Cacuzol in the Melan) pro-viace, it was built with the help of Soviat epecialists to carry out maintenance and repairs of cotion picking combines, imc-lors and other ferm machinery supplied to Peaple's Angola by

the Soviet Union.
The establishment of repair gola is an important flaid in So-viet Angolan cooperation. Altogether 27 rapair and servicing centres to farm machinery have been built in Angola with Soviet halp The Soviet Linion also assisted in the constinction at Alrice's largest complex for est-vicing directly which is now in

operation;
At present about 300 Soviat epecialists are giving austration to their Angolan, friends in the operation, maintanance and reoperation inablenance and repair of mechinery and equipment supplied by the Sovjet Union, and also in training Angolen technical personnel. Dorring the past lew years the educational establishments of Angole and the USER have tealined more than 6,000 devers mechanics and farm-machine operations. rators.

Philately



LIGHTHOUSES

STAMPS

The USSR Ministry at Com-munications has lated a series of two stamps depicting light-houses on the Black See and the See of Azav. The 0-kopek stemp in our litustration shows the Rhausones lighthouse which was hulf-in 1618 and which sulli-guards the approaches to the post of Savestopol.

_ THEATRES_

Kramiin Palace of Congresses (Kremlin). 25—A concert. Bol-shot Theeire performances. 26— Rossini, "The Barhar of Sevilla" (opera). 26 — Rimeky-Korsakov, "The Tear's Bride" (opera).

26 — Molchagov, "Machath" (ballet). 27—Verdi, "Un ballo in maschera" [opara], 28—Sbched-rin, "The Sea Gull" [ballet].

Signislavsky and Nemirovich-Daacbenko Musical Theatre [17 Pushkinskaya St). '26-Khrannikov, "A Soa-in-Law Without Kith or Kin" (opera). 27—Delibes, "Coppelle" (ballol). 28—Rimeky-Korsakov, "May Night" (opera). Operaits Theatra (B Pushkinskaya Si). 25 — Karayav, "Tha Piery Caecon". 27 — Kalman, "Tha Gypsy Princess". 28 — Kalman, "Byaning Visiora".

Chamber Musical Theatre 172 Leningradsky Prospekti. 26, 27—Resloveky, "Rostov Action".

About a tawyar who tries to fight the corruption is American legal proceedings. Ciaema: "Valrecha" [5/9 Sadovo-Chernogryazakaya St). Mel ro. Lermonlovskaya.

The Hit Tune of the Summer Tallinntilm Studios, USSR A musical featuring dil-terent pop groups.

Prospekt). 25, 26 - A variety group from Yugoslavie. 27, 28-A jolly show by the Tallinn rock group Vitamin.

voretskaya Embankment, at the Rossiya Hotel). 25, 26—Eduard Kill with the Kamerion Instrumental ensemble.

Sports Arene. (Luzhalki). 25-28-The Moscow Rellel on

SPORTS

FOOTBALL

Complex (39 Leningradeky Prospeki). 26-Winter tournament. IC a.m., noon, 2 p.m. aud 4 p.m. Amosg the participants are leams from Moscow (Coatral Army Clab), Klav, Rostov-on-Don, Lvov, Khabarovsk, Odessa and other cities.

ICE HOCKEY.

Foreign exchange quotations for January 16, 1983 Franch franc FRG (Doutscha 30.26 7.18 100 marh) Indian rapes Nation line Currency 10,000 1,000 100 100 100 3.26 3.09 0.56 57.73 100 .. Cenadian Hollar Spanish pasala Swadish ksone English pound sterling Finnish markka 9.78 111.64 Swits Irone

State Bank of the USSR

TRANSPORT HOURS

Metro 6 em le 5 em Fare 5 kopens. Trolleybuses 6 e.m. fo. 1 em. Fare 6 hopens. Busas 6 am lo 1 em Fara 5 kopaks Trems 5/30 a.m. lo 1,30 e.m. Fare 3 kopeks. Trems 5:30 a.m. to 1.30 e.m. Fare 3 kepeks.

Tails 24-hour larvice (wenty kepaks on the major
Tai begin, plus 20 hopets per hillometre.

Ordering a cab 24-hour larvice. (elephone. 224-08-00.

Communal cabs. (over 40 routes in the city).

7 a.m. 10:9 p.m. Eare, 11 kepeks.

WHAT'S ON

January 25-28

On Saturdey and Sueday, 11 a.m. to 5 p.m. Metro Gorkovskays. Bolaboi Thastre (Sverdlov Sq). 26 — Molchaeov, "Machath" Trollayhuees 1, 12, 20. weapons, copies of rock draw-ings and primitive elone figures.

... EXHIBITIONS ...

Exhibition Hall. USSR Artists Union (25 Corky Si). An exhibi-

Cinema: "Imeni Mossovieta" [25 Bakhrushine St). Mairo Pareletaknya. tral Army Club [39 Leningradaky Prospekt]. 26, 27, 28—USSR top-

BUSINESS

With extensive participation of loroige firms, the USSR developer

1982 Irade with Dallutorg was

The general director of Dalin-

lorg Volentia Kolychev says:

Though we started oil our 1903 business contacts with

Chorl, we invite all businessmen

for talks. Our showroom is at their disposal for the choosing

of samples. We are going to en-

We are interested in the de-velopment and expansion of

coastal trade and the everythin

possible to increase trade sa

out list of goods. The total volume of Dallinorg's trade lum-over with Japanese firms and

cooperatives exceeded 100 mil-

lion dollars in 1982. And this

lects here Many Yugoslav sleel.

men were troined in the Uhiaine.

The Zenica works is now un-

The Soviet Union has assisted

Yugoslavia for many years in the reequipment of its steel in-

riustry, having helped build 40 per ceat of Yugoslav tron and steel tacitiles.

VOLLBYBALL

Palece of Weightlitting. Can-

league championship. 4 p.m. 5.45 p.m., 7.30 p.m. (all days).

CHESS

Olimpilsky Sports Complex [Metro Prospekt Mira]. 23-28— men's championship. 4 p.m. leach

RACING

Hippedrome [22 Beguvaya Si]. 26 and 28—Racing and Irotling

6 p.m. |both days|.

Yevreny DUGAYONKO

eeven million dollers.

with other firms too.

figure is to go up.

the Urels and Siherla.

dergoing renovation.

machexperi less already sold Pinland a headred outb locomotive

FIRST CONTRACTS OF 1983

In the Soviet Fer Eastern city

of Nakhodka, representatives of

Dalinlorg and the Japaneso

fim of Chon have signed the

in exchange for timbor, fish

and lern, Chorl supplies clothing,

fabrics shoes end chine to the

goods offered by Chorl to Ils

Dallntore showroom in Nakhod-

ka. A representative of Chert

partoers in 1983 was held in the

This time we have about 500

samples of our goods on view.

More than 30 per cent of them

are new. We have been cooper-

aling with Daliniois for over

16 years and have come to the

and respectable pariner. Our

Soviet assemblymen hava

completed work on a coka inr-

nace ballery at the Zenica steel

The Zenica works provides en example of the successful development of Sovial Yugoslav

economic, scientific and techno-logical cooperation. The Soviet

Union has assisted in the con-

struction of a blast furnace, a

converier shop and other pro-

works, in Yugoslavia.

Yugoslays train at Soviet plants

A demonstration show

Soviet Far Eagl.

CONCERT HALLS

Concert Hall of the Central

Caniral Coacert Hell (1 Mosk-

Lenin Cealral Stedium. Small

Ceatral Army Club Sports

p.m. (both days).

The Voige River in March.

MN INFORMATION HE & 144

Ivala Cealral Stodium. Palace Sport. 26-Moscow Spertak ve Army Club ve Kley Sokol. 6.45

IN INFORMATION No. 8, 1983